

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

- Open Flow  
 Deliverability

(See Instructions on Reverse Side)

Test Date: 07/2015

API No. 15  
15-047-20456 - 0000

Company Sand Point LLC		Lease Breitenbach			Well Number "C" #1	
County Edwards	Location C SW/4	Section 3	TWP 25S	RNG (E/W) 16W	Acres Attributed	
Field Wil		Reservoir Mississippi		Gas Gathering Connection Lumen Midstream Partnership LLC		
Completion Date 12/20/1978		Plug Back Total Depth 4328		Packer Set at		
Casing Size 4.5"	Weight 10.50#	Internal Diameter 3.95"	Set at 4314	Perforations 4314 Open hole	To 4328	
Tubing Size 2.375"	Weight 4.7#	Internal Diameter 1.99"	Set at 4312	Perforations	To	
Type Completion (Describe) <u>Single (Gas)</u>		Type Fluid Production Water		Pump Unit or Traveling Plunger? <input checked="" type="checkbox"/> Yes / No <u>Plunger Lift</u>		
Production Thru (Annulus / Tubing)		% Carbon Dioxide		% Nitrogen		Gas Gravity - G <sub>g</sub>
Tubing		Vertical Depth(H) 4328		Pressure Taps Flange		(Meter Run) (Prover) Size 2.067"
Pressure Buildup: Shut in _____		20 <u>15</u> at _____		(AM) (PM) Taken _____		20 <u>15</u> at _____ (AM) (PM)
Well on Line: Started _____		20 ____ at _____		(AM) (PM) Taken _____		20 ____ at _____ (AM) (PM)

### OBSERVED SURFACE DATA

Duration of Shut-in \_\_\_\_\_ Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter or Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In											
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>pl</sub> ) (F <sub>p</sub> ) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature Factor F <sub>t</sub>	Deviation Factor F <sub>dv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = \_\_\_\_\_ ; (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ ; P<sub>d</sub> = \_\_\_\_\_ % (P<sub>c</sub> - 14.4) + 14.4 = \_\_\_\_\_ ; (P<sub>a</sub>)<sup>2</sup> = 0.207 ; (P<sub>g</sub>)<sup>2</sup> = \_\_\_\_\_

(P <sub>a</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1, or 2, and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_g^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow \_\_\_\_\_ Mcfd @ 14.65 psia      Deliverability \_\_\_\_\_ Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

**KCC WICHITA**

Received **AUG 03 2015** KANSAS CORPORATION COMMISSION For Company

For Commission RECEIVED JUL 22 2015 CONSERVATION DIVISION WICHITA, KS Checked by

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Sand Point LLC and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.

I hereby request a one-year exemption from open flow testing for the Breitenbach "C" #1 gas well on the grounds that said well:

(Check one)

- is a coalbed methane producer
- is cycled on plunger lift due to water
- is a source of natural gas for injection into an oil reservoir undergoing ER
- is on vacuum at the present time; KCC approval Docket No. \_\_\_\_\_
- is not capable of producing at a daily rate in excess of 250 mcf/D

I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 07/10/15

**KCC WICHITA**

**AUG 03 2015**

**RECEIVED**

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Received  
KANSAS CORPORATION COMMISSION

**JUL 22 2015**

CONSERVATION DIVISION  
WICHITA, KS

**Instructions:** If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

**Sand Point LLC  
5909 NW Expressway  
Suite 540  
Oklahoma City, OK 73132  
Phone (405) 728-2111  
Fax (405) 728-9111**

July 30, 2015

Kansas Corporation Commission  
Conservation Division)  
130 S Market St. Room 2078  
Wichita, KS 67202-3802

Re.	Breitenbach "C" #1	15-047-20,456
	Breitenbach "D" #1	15-047-20,610
	Wild Horse #1	15-047-21,411
	Wild Horse #2	15-047-21,478

Dear Sir,

Please find enclosed Kansas Form G-2 for the year 2014 all these well are produced with plunger lift system.

Thank you for your attention to this matter.

Sincerely,

Frank Hill

Manager of Sand Point LLC

**KCC WICHITA  
AUG 03 2015  
RECEIVED**